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RAW SEQUENCE LISTING

DATE: 04/02/2002

PATENT APPLICATION: US/09/715,836A

TIME: 16:13:59

Input Set : A:\BURF-P01-006 Sequence Listing.txt

Output Set: N:\CRF3\04022002\I715836A.raw

ENTERED

4 <110> APPLICANT: Fallon, J.
 5 McKechnie, B.
 6 Raffi, M.
 7 Creely, H.
 8 Bowe, M.
 9 Ferri, R.
 12 <120> TITLE OF INVENTION: BIGLYCAN AND RELATED THERAPEUTICS AND METHODS OF USE
 14 <130> FILE REFERENCE: BURF-P01-006
 16 <140> CURRENT APPLICATION NUMBER: 09/715,836A
 C--> 17 <141> CURRENT FILING DATE: 2002-03-18
 19 <150> PRIOR APPLICATION NUMBER: 60/166,253
 20 <151> PRIOR FILING DATE: 1999-11-18
 22 <160> NUMBER OF SEQ ID NOS: 10
 24 <170> SOFTWARE: PatentIn version 3.1
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 28 <211> LENGTH: 9
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 30 <213> ORGANISM: Torpedo sp.
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 35 1 5
 38 <210> SEQ ID NO: 2
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 40 <212> TYPE: PRT
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 46 1 5
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 52 <213> ORGANISM: Torpedo sp.
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 59 Asp Val Leu
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 65 <213> ORGANISM: Homo sapiens
 67 <400> SEQUENCE: 4
 69 Ile Gln Ala Ile Glu Leu Glu Asp Leu
 70 1 5

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81 1 5
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86 <212> TYPE: PRT
87 <213> ORGANISM: Homo sapiens
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92 1 5 10 15
94 Glu Val Gln
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99 <212> TYPE: DNA
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107 atgtggcccc tgtggcgccct cgtgtctctg ctggccctga gccaggccct gccctttgag 180
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123 ctggtggagc tccgcatcca cgacaaccgc atccgcaagg tgcccaaggg agtgttcagc 660
125 gggctccgga acatgaactg catcgagatg ggcgggaacc cactggagaa cagtggcttt 720
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164 <212> TYPE: DNA
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170 cagagaggct tctgggactt caccctggac gatgggcat tcatgatgaa cgatgaggaa      120
172 gcttcgggcg ctgacacctc aggcgtcctg gaccggact ctgtcacacc cacctacagc      180
174 gccatgtgtc ctttcggctg ccactgccac ctgcgggtgg ttccagtgtc cgacctgggt      240
176 ctgaagtctg tgcccaaaaga gatctccctt gacaccacgc tgctggacct gcagaacaac      300
178 gacatctccg agctccgcaa ggatgacttc aagggtctcc agcacctcta cgccctcgtc      360
180 ctggtgaaca acaagatctc caagatccat gagaaggcct tcagcccaact gcggaagctg      420
182 cagaagctct acatctccaa gaaccacctg gtggagatcc cgcccaacct acccagctcc      480
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186 gggtccgga acatgaactg catcgagatg ggcgggaacc cactggagaa cagtggcttt      600
188 gaacctggag ctttcgatgg cctgaagctc aactacctgc gcatctcaga ggccaagctg      660
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196 gagctccact tggacaacaa caagttggcc aggggtgccct cagggtccc agacctcaag      900
198 ctctccagg tggctctatct gactccaac aacatcacca aagtgggtgt caacgacttc      960
200 tgtcccatgg gcttcggggg gaagcggggc tactacaacg gcatcagcct cttcaacaac     1020
202 cccgtgccct actgggagggt gcagccggcc actttccgct gcgtcactga ccgctggcc      1080
204 atccagtttg gcaactacaa aaag                                     1104

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208 <211> LENGTH: 368
209 <212> TYPE: PRT
210 <213> ORGANISM: Homo sapiens
212 <400> SEQUENCE: 9
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217 Leu Pro Phe Glu Gln Arg Gly Phe Trp Asp Phe Thr Leu Asp Asp Gly
218 20 25 30
220 Pro Phe Met Met Asn Asp Glu Glu Ala Ser Gly Ala Asp Thr Ser Gly
221 35 40 45
223 Val Leu Asp Pro Asp Ser Val Thr Pro Thr Tyr Ser Ala Met Cys Pro
224 50 55 60
226 Phe Gly Cys His Cys His Leu Arg Val Val Gln Cys Ser Asp Leu Gly
227 65 70 75 80
229 Leu Lys Ser Val Pro Lys Glu Ile Ser Pro Asp Thr Thr Leu Leu Asp
230 85 90 95
232 Leu Gln Asn Asn Asp Ile Ser Glu Leu Arg Lys Asp Asp Phe Lys Gly
233 100 105 110
235 Leu Gln His Leu Tyr Ala Leu Val Leu Val Asn Asn Lys Ile Ser Lys
236 115 120 125
238 Ile His Glu Lys Ala Phe Ser Pro Leu Arg Lys Leu Gln Lys Leu Tyr
239 130 135 140
241 Ile Ser Lys Asn His Leu Val Glu Ile Pro Pro Asn Leu Pro Ser Ser
242 145 150 155 160

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248              180              185              190
250 Asn Pro Leu Glu Asn Ser Gly Phe Glu Pro Gly Ala Phe Asp Gly Leu
251              195              200              205
253 Lys Leu Asn Tyr Leu Arg Ile Ser Glu Ala Lys Leu Thr Gly Ile Pro
254              210              215              220
256 Lys Asp Leu Pro Glu Thr Leu Asn Glu Leu His Leu Asp His Asn Lys
257 225              230              235              240
259 Ile Gln Ala Ile Glu Leu Glu Asp Leu Leu Arg Tyr Ser Lys Leu Tyr
260              245              250              255
262 Arg Leu Gly Leu Gly His Asn Gln Ile Arg Met Ile Glu Asn Gly Ser
263              260              265              270
265 Leu Ser Phe Leu Pro Thr Leu Arg Glu Leu His Leu Asp Asn Asn Lys
266              275              280              285
268 Leu Ala Arg Val Pro Ser Gly Leu Pro Asp Leu Lys Leu Leu Gln Val
269              290              295              300
271 Val Tyr Leu His Ser Asn Asn Ile Thr Lys Val Gly Val Asn Asp Phe
272 305              310              315              320
274 Cys Pro Met Gly Phe Gly Val Lys Arg Ala Tyr Tyr Asn Gly Ile Ser
275              325              330              335
277 Leu Phe Asn Asn Pro Val Pro Tyr Trp Glu Val Gln Pro Ala Thr Phe
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287 <213> ORGANISM: Plasmid pQE-biglycan
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VERIFICATION SUMMARY

DATE: 04/02/2002

PATENT APPLICATION: US/09/715,836A

TIME: 16:14:00

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